| In | dex | Ωf | Cla | ime |
|----|-----|----|-----|-----|
|    |     |    |     |     |



Application/Control No.

10/522,016

Thao T. Tran

Date

Examiner

Reexamination

Applicant(s)/Patent under

SASANO ET AL.

Art Unit

1711

√ Rejected
= Allowed

(Through numeral)
Cancelled

Claim

Restricted

Non-Elected

I Interference

A Appeal
O Objected

|              |  |  | <u> </u>     |          |  |          | J        |  | Ь  | L               |
|--------------|--|--|--------------|----------|--|----------|----------|--|--|-----------------|
| Cla          | Date   |  |              |          |  |          |          |  |  |                 |
| Final        | Original                                     | 6/19/07  |              |          |  |          |          |  |  |                 |
|              | 1  | V<br>V<br>V<br>V                                 |              |          |  |          |          |  |  |                 |
|              | 2  | ٧  |              |          |  |          | [        | Γ  |  |                 |
|              | 3  | ٧  |              |          | Γ  |          |          |  |  |                 |
|              | 4  | ٧  |              |          |  |          |          |  |  |                 |
|              | 5  | ٧  |              |          | L  |          |          |  |  |                 |
| Ĺ            | 1<br>2<br>3<br>4<br>5<br>6                   | V  | <u> </u>     |          |  |          |          | L  | L  |                 |
|              |  |  |              | _        |  | L        |          |  |  |                 |
| <u> </u>     | 8  | _  |              |          | <u> </u>   | _        |          | _  |  | Щ               |
|              | 9  |  | _            | <u> </u> | <u> </u>   | _        | -        | _  | ļ  | $\vdash$        |
| <u> </u>     | 10   | -  | <u> </u>     | ⊢        | -  | ⊢        | ┢        | -  | _  | Н               |
| <del></del>  | 12   | -  | -            | -        | H  | ┢        |          | -  |  | Н               |
| <del> </del> | 12   | -  | $\vdash$     | $\vdash$ |  | $\vdash$ |          | <del>                                     </del> | <del> </del>                                     | $\vdash \vdash$ |
| ļ            | 14   | $\vdash$   | <del> </del> | -        |  | $\vdash$ | $\vdash$ | $\vdash$   | <del>                                     </del> | $\vdash \vdash$ |
|              | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | <del>                                     </del> |              | $\vdash$ |  |          |          | $\vdash$   | <del>                                     </del> | $\vdash$        |
|              | 16   |  |              |          |  | Ι-       | _        | ┢  | ┪  |                 |
|              | 17   |  |              |          |  |          |          | _  | $\vdash$   |                 |
|              | 18   |  |              |          |  |          | Π        |  |  |                 |
|              | 19   |  |              |          |  |          |          |  |  |                 |
|              | 20<br>21                                     |  |              |          |  |          |          |  |  |                 |
|              | 21   |  |              |          |  |          |          |  |  |                 |
|              | 22<br>23                                     |  |              | <u> </u> | <u> </u>   | _        | _        |  |  |                 |
|              | 23   | _  |              | _        | <u>.                                    </u>     | _        | _        |  | <u> </u>   | Ш               |
|              | 24   | <u> </u>   |              | _        | <u> </u>   | _        | ļ        | <u> </u>   |  | Н               |
|              | 25<br>26                                     | _  |              | $\vdash$ |  | ⊢        | -        | ⊢  | -  | H               |
|              | 27   | ┝  |              | ┝        | -  |          | ├        | -  | ⊢  | $\vdash \vdash$ |
| $\vdash$     | 28   | <del>                                     </del> | _            | $\vdash$ | $\vdash$   |          |          | -  |  | H               |
|              | 28<br>29                                     | -  |              |          | -  |          | ┢        |  | ╁  |                 |
|              | 30   |  |              |          | <del>                                     </del> |          |          |  |  | $\vdash$        |
|              | 31   |  |              |          | _  |          |          |  |  |                 |
|              | 31<br>32<br>33                               |  |              |          |  |          |          |  |  |                 |
|              | 33   |  |              |          |  |          |          |  |  | П               |
|              | 34   |  |              |          |  |          |          |  |  |                 |
|              | 35   | Щ  |              |          |  |          |          | L.   |  | Ш               |
|              | 36   | Ш  |              |          |  | _        |          |  | L.   | $\Box$          |
|              | 37   |  |              |          | _  | <u> </u> | _        |  | _  | Щ               |
|              | 38<br>39                                     |  |              |          | <u> </u>   | ├—       |          |  |  | $\dashv$        |
|              | 40   |  | _            |          | _  | H        | -        |  |  | $\vdash$        |
|              | .41  |  |              | _        |  | -        |          |  |  | -               |
|              | 42   | $\vdash$   |              | _        | ├─   | $\vdash$ | -        | H  | H  | Н               |
|              | 43   | Н  |              | _        |  |          |          | H  |  | $\vdash$        |
|              | 44   |  |              |          | -  |          | _        |  |  | $\dashv$        |
|              | 45   |  |              |          |  |          |          |  |  |                 |
|              | 46   |  |              |          |  |          |          |  |  |                 |
|              | 47   |  |              |          |  |          |          |  |  |                 |
|              | 48   | Ш  |              |          |  |          |          |  |  |                 |
|              | 49   | Ш  |              |          | _  |          |          |  | Щ  |                 |
| <u> </u>     | 50   |  |              |          |  | L        |          |  |  |                 |

|                        |  | <del>-</del> |          |          | _        |          | _        | _        | _        | _  |
|------------------------|--|--------------|----------|----------|----------|----------|----------|----------|----------|--|
| Final                  | Original   |              |          |          |          |          |          |          |          |  |
|                        | ı  | <del> </del> |          |          |          |          |          | H        | -        | -  |
|                        | 51<br>52   | $\vdash$     |          | -        | -        | -        |          | $\vdash$ |          |  |
|                        | 53   | -            |          | $\vdash$ | -        | -        |          | $\vdash$ | -        | -  |
|                        | 53<br>54<br>55<br>56   | ┢            |          |          | -        |          |          | $\vdash$ | $\vdash$ | <del>                                     </del> |
|                        | 55   | _            |          | $\vdash$ | _        |          |          | -        | <u> </u> |  |
|                        | 56   | $\vdash$     |          |          |          |          |          |          |          | $\vdash$   |
|                        | 57   |              |          |          |          |          |          |          |          |  |
|                        | 58   |              |          |          |          |          |          | -        |          |  |
|                        | 57<br>58<br>59<br>60   |              |          |          |          |          |          |          |          |  |
|                        | 60   |              |          |          |          |          |          |          |          |  |
|                        | 61   |              |          |          |          |          |          |          |          |  |
|                        | 62<br>63   |              |          |          |          |          |          |          |          |  |
|                        | 63   |              |          |          | <u> </u> |          |          |          |          |  |
|                        | 64   |              |          |          |          |          |          |          |          |  |
| <u></u>                | 65<br>66   | <u> </u>     | L        | _        | <u> </u> | _        | _        |          | _        | <u> </u>   |
|                        | 66   |              |          | _        | _        | <u></u>  |          |          | _        | ļ  |
| <u></u>                | 67   | <u> </u>     | _        |          |          |          | <u> </u> |          | _        | <u> </u>   |
| <u> </u>               | 68   |              |          |          |          | _        |          |          | <u> </u> |  |
| <u></u>                | 69   |              |          |          | ļ        | _        | <u> </u> |          | _        |  |
|                        | 70   |              |          |          |          | _        |          |          | <u> </u> |  |
| -                      | 71   | <u> </u>     |          |          |          |          | <u> </u> |          |          | L  |
|                        | 72   | -            |          |          |          |          | <u> </u> | _        |          |  |
|                        | 74   |              |          |          |          | -        | $\vdash$ |          | _        | -  |
|                        | 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81 |              |          |          | $\vdash$ |          | <u> </u> |          |          |  |
|                        | 76   |              |          |          | $\vdash$ |          |          |          |          |  |
|                        | 77   | -            |          |          | -        |          | -        |          |          |  |
|                        | 78   | _            |          | -        |          |          | -        |          | -        |  |
|                        | 79   | -            |          |          |          |          | _        |          |          |  |
|                        | 80   |              |          |          |          | _        |          |          | -        |  |
|                        | 81   |              |          |          |          |          |          |          |          |  |
|                        | 82   |              |          |          |          |          |          |          |          |  |
|                        | 82<br>83   |              |          |          |          |          |          |          | _        |  |
|                        | 84   |              |          |          |          |          |          |          |          |  |
|                        | 85   |              |          |          |          |          |          |          |          |  |
|                        | 86   |              |          |          |          |          |          |          |          |  |
|                        | 87   |              |          |          |          |          |          |          |          |  |
|                        | 88   |              |          |          |          |          |          |          |          |  |
|                        | 89   |              |          |          |          |          |          |          |          |  |
| <u> </u>               | 90   |              |          |          |          |          |          |          |          |  |
| <u> </u>               | 91   |              |          |          |          | _        |          |          |          |  |
| -                      | 92   |              |          |          | $\vdash$ |          |          |          |          | Щ  |
| $\vdash$               | 93   |              |          |          |          | _        | Щ        | $\dashv$ |          | -  |
|                        | 94<br>95   | $\vdash$     | -        |          | -        | -        | _        |          |          | $\vdash$   |
| $\vdash \vdash \vdash$ | 96   |              |          | _        | $\vdash$ | $\dashv$ | _        |          |          | -  |
| $\vdash$               | 97   | $\dashv$     | $\dashv$ | -        | $\dashv$ |          | -        |          |          | $\dashv$   |
| $\vdash \vdash \vdash$ | 98   | $\dashv$     | ┥        |          |          | $\dashv$ | $\dashv$ |          |          |  |
| $\vdash$               | 99   |              |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |          |  |
|                        | 100  | $\dashv$     | $\dashv$ | $\dashv$ | $\vdash$ | $\neg$   | -        | -        | -        |  |
| -                      | . 50   |              |          |          |          |          |          |          |          |  |

| Claim       |  | Date           |  |  |  |          |              |  |  |                 |
|-------------|--|----------------|--|--|--|----------|--------------|--|--|-----------------|
|             |  |                |  |  | T '  |          | Ť            | Г  | Ι  | Πİ              |
| <del></del> | Original   |                |  |  |  |          |              |  | ļ  |                 |
| Final       | į  |                |  | ļ  |  |          |              |  |  | ll              |
| ш           | ō  | l              |  | ĺ  |  | İ        |              |  |  |                 |
|             |  |                | <del> </del>                                     | _  | <u> </u>   | ⊢        |              | ├  | <u> </u>   | Н               |
|             | 101<br>102<br>103                                    | _              | <u> </u>   | ļ  | <u> </u>   | L        | <u> </u>     | <u> </u>   | _  | Шİ              |
|             | 102  | L              |  | _  |  | <u> </u> | L            | _  |  | Ш               |
|             | 103  |                | <u>_</u>   |  |  |          | L_           |  |  | Ш               |
|             | 104<br>105<br>106                                    |                | 乚  |  |  |          | _            |  |  |                 |
|             | 105  |                | İ  |  |  |          | l            |  |  |                 |
|             | 106  |                |  |  |  | Π        |              |  |  |                 |
|             | 107  |                | Г  |  |  |          |              |  | Г  |                 |
|             | 107<br>108   |                |  |  |  |          |              |  |  |                 |
|             | 109  |                |  |  |  | П        |              | _  |  | П               |
|             | 110  |                |  |  |  |          | _            | _  |  | $\Box$          |
|             | 111  |                |  | $\vdash$   | <u> </u>   |          | $\vdash$     | <del>                                     </del> |  | Н               |
|             | 112  | Н              | $\vdash$   | <del>                                     </del> | <del>                                     </del> |          | $\vdash$     | Ι-   | <del>                                     </del> | $\vdash$        |
| -           | 113  | $\vdash$       | <del>                                     </del> |  | $\vdash$   | -        | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash \vdash$ |
|             | 110<br>111<br>112<br>113<br>114<br>115<br>116<br>117 | $\vdash$       | ├-   | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   | <del> </del>                                     | $\vdash \vdash$ |
|             | 115  | $\vdash$       | $\vdash$   | -  | -  | -        | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash \vdash$ |
|             | 110  | -              | $\vdash$   |  | $\vdash$   | $\vdash$ | -            | <del> </del>                                     | $\vdash$   | $\vdash \vdash$ |
|             | 110  |                | -  | <del> </del>                                     | -  | -        | ├            | ⊢  | ├-   | Н               |
|             | 11/  | <del> </del>   |  | $\vdash$   | L  | <u> </u> | <b>—</b>     | <u> </u>   | ⊢  | Щ               |
|             | 118<br>119   | $\vdash$       | _  | <u> </u>   | <u> </u>   | <u> </u> |              | <u> </u>   | <b> </b> _                                       |                 |
|             | 119  |                | <u> </u>   | <u> </u>   | <u> </u>   |          |              |  | L  | Щ               |
|             | 120  |                | <u> </u>   | _  | L  |          |              |  |  | Ш               |
|             | 121<br>122<br>123                                    |                |  | L  |  |          |              | L  |  | Ш               |
|             | 122  |                |  |  |  |          |              |  |  |                 |
|             | 123  |                |  |  |  |          |              |  |  |                 |
|             | 124<br>125<br>126<br>127<br>128<br>129               |                |  |  |  | Г        |              |  |  |                 |
|             | 125  |                |  |  |  |          |              | _  |  | П               |
|             | 126  |                |  |  |  |          |              |  |  | П               |
|             | 127  |                |  |  |  |          |              |  |  |                 |
|             | 128  |                |  |  |  |          |              | _  |  | Н               |
|             | 129  |                | _  | -  |  | $\vdash$ | ┢            | _  | $\vdash$   | Н               |
|             | 130  | _              |  |  |  | _        | $\vdash$     | $\vdash$   |  | Н               |
|             | 131  |                |  | _  |  |          | $\vdash$     | _  |  | H               |
|             | 130<br>131<br>132                                    | $\vdash$       | $\vdash$   | $\vdash$   |  | $\vdash$ | $\vdash$     | $\vdash$   |  | H               |
|             | 133  | $\vdash$       |  | -  | -  | H        | -            |  |  | Н               |
|             | 133<br>134   | $\vdash$       |  | -  | <u> </u>   | -        | <del> </del> | <u> </u>   | <u> </u>   | Н               |
|             | 135  | $\vdash$       |  | $\vdash$   | $\vdash$   | $\vdash$ | -            | ├-   |  | $\vdash \vdash$ |
|             | 130  | $\vdash$       | $\vdash$   | _  |  |          |              | $\vdash$   | <u> </u>   | Н               |
|             | 136<br>137   | $\vdash\vdash$ |  |  |  | $\vdash$ | <u> </u>     | -  | <u> </u>   | Щ               |
|             | 137  |                |  | $\vdash$   | —  | -        |              | -  | <del> </del>                                     | $\vdash \vdash$ |
|             | 138<br>139   | _              | -  | $\vdash$   | <u> </u>   | $\vdash$ | -            | $\vdash$   | <u> </u>   | Щ               |
|             | 139  |                |  |  | <u> </u>   | <u> </u> | _            |  | $\vdash$   | Ш               |
|             | ٠,,٠   |                |  |  | _  |          | <u> </u>     |  | Ш  | Щ               |
|             | 141  | Щ              |  |  |  | $\vdash$ |              | _  |  |                 |
|             | 142  | Щ              |  |  |  |          |              |  |  |                 |
|             | 143  |                |  |  |  |          |              |  |  |                 |
|             | 144  |                |  |  |  |          |              |  |  |                 |
|             | 145  |                |  |  |  |          |              |  |  |                 |
|             | 146  |                |  |  |  |          |              |  |  |                 |
|             | 147  |                |  |  |  |          |              |  |  | $\Box$          |
|             | 148  |                |  |  |  |          |              |  |  | $\Box$          |
|             | 149  |                |  |  |  | П        |              |  |  | $\Box$          |
|             | 150  | $\dashv$       | _  | $\neg$   | -  |          |              |  |  | $\dashv$        |
|             | .50  |                |  |  |  |          |              | نب   |  | ш               |